22

CATALOGUE

OF

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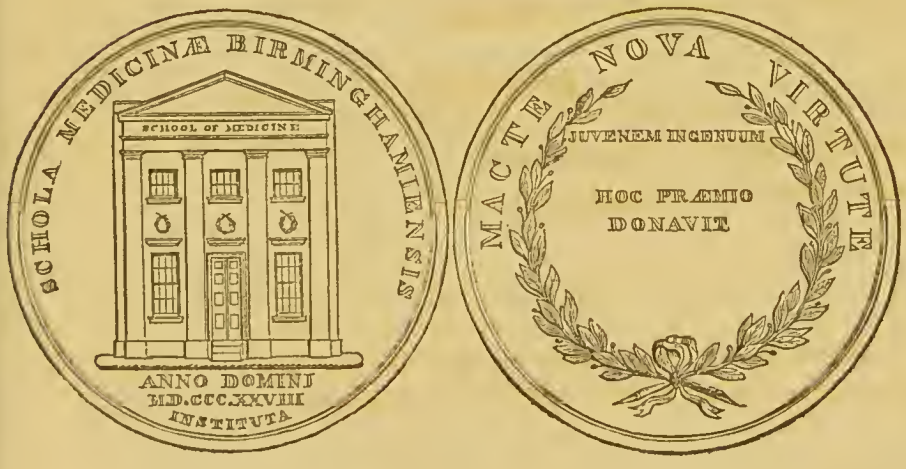
SCHOOL OF MEDICINE.



M.DCCC.XXXII.

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1831.

	£.	s.
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Earl of Dartmouth	10	10
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T. Upfill	2	2
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T. Williams, *Wolverhampton*	2	2
G. W. Welch, *Handsworth*	2	2
J. Woolrich	5	5
Robert Wood	2	2

Two Prize Subjects are proposed for the Year 1832:

JOHNSTONIAN PRIZE,

Ten Guineas,

Anatomy, Physiology, and Pathology of the Great Sympathetic Nerve.

To be awarded by Dr. Pearson, Dr. Eccles, and Mr. W. S. Cox.

EDWARD TOWNSEND COX, Esq.

Five Guineas,

To be awarded by Sir Astley Cooper, Bart.

Candidates to be Students of the School. Each Essay to be distinguished by a motto or device, and accompanied by a sealed paper containing the name and address of the Author, and having on the outside a motto or device, corresponding with that on the Essay.

Essays to be addressed to the Honorary Secretary, and delivered at the School on or before May 1, 1832.

DONATIONS.

Donations of Preparations, Specimens, Models, and Casts; of Manuscripts, Printed Books, Drawings, Engravings, &c. will be received with due consideration by the Board of Curators; and the names of the Donors will consequently be recorded in the Catalogue of Benefactors to the Institution.

PREFACE.

NEARLY four years have elapsed since the School of Medicine in Birmingham was opened for the admission of Students to the Lectures delivered in the various departments of Medical Science; and during that period, the Lecturers attached to the School have had the satisfaction to find that their labours have been attended with the best success. The several Classes have progressively increased, and numerous Students have been enabled by the Instruction received at this Institution, to pass their examination at the Royal College of Surgeons, and at the Apothecaries' Hall, London, without any attendance at the Medical Schools in the Metropolis.—Indeed the utility* and efficiency of Provincial Schools of Medicine had been, some years before, fully evinced by those of Manchester.

As Anatomy constitutes the basis of Medical Education, it is obvious that, in addition to the Lectures in each branch of the study of Medicine, every Medical School should be provided with a Museum of Natural, Comparative, and Morbid Anatomy, to illustrate the science of Physiology, Medicine, Surgery, and Obstetrics; and for these purposes, to contain preparations, shewing the structure of the different parts of the human body in a state of health, the corresponding structure in other animals, and the deviations from healthy structure as occasioned by disease. By the unwearied exertions of the Lecturer on Anatomy, numerous Anatomical Preparations were collected together anterior to the opening of the School, the interests of which were thereby much promoted. It

* In confirmation of the utility of Provincial Schools, it is satisfactory to be able to adduce the evidence of an eminent and impartial observer, Aston Key, Esq., Senior Surgeon to Guy's Hospital, London, and Lecturer on Surgery in that School; an abstract from whoso valuable Paper on Provincial Schools will be found in the Appendix to these remarks.

soon became obvious that, to give full efficiency to the Institution, a public Museum attached to the School would be required; an object which has now been, to a considerable extent, accomplished, by the contribution of the private collections of the Lecturers on Anatomy and Midwifery, by additions of valuable Preparations from the collections of many members of the profession, who have, with great liberality, either presented them, or allowed them to be deposited in the Museum; but above all, by the munificence of various noblemen and gentlemen, whose donations have supplied funds adequate to the fitting-up of the Museum, the purchase of many expensive Preparations in wax, obtained at a great expense from the Continent, and the formation of a Library of reference—of which and the Museum, short Catalogues are herewith published.

It should be further remarked, in reference to the Museum, that illustrations of the other departments of Medical Instruction, and of the sciences subsidiary to Medicine, have not been overlooked; and accordingly, it has been furnished with a complete set of specimens in Materia Medica, obtained from Apothecaries' Hall with a small but valuable collection of Minerals, contributed by the Lecturer on Chemistry, and some specimens in the other branches of Natural History; and in the Library will be found nearly all the best and latest works of Engravings, illustrative of Anatomy, Pathology, and Botany.

Thus the School of Medicine in Birmingham is now provided with all the means that were wanted to bring it into full and efficient operation.

The advantages of a Museum and Library of reference, such as those above described, in a central part of the Island, both to those of the medical profession who are now commencing their studies, and also to those who have completed them, must be apparent to every reflecting mind. It will save the junior part many expences which they would otherwise incur by a lengthened residence in London; and an occasional reference to the Museum and Library will serve to revive in the recollection of the established Practitioner some points, in regard to natural and morbid anatomy and other subjects, which, in the multiplicity of professional engagements and pursuits, may in part have been obliterated.

APPENDIX.

Letter on Provincial Medical Schools by Aston Key, Esq. Lecturer on Surgery and Senior Surgeon to Guy's Hospital, London—London Medical Gazette, December 3, 1831.

In allusion to a Provincial School which he had visited, Mr. Key remarks,—"The object of giving a sound elementary education to young Students cannot fail to be attained, and their utility, in forwarding the means of education, cannot be questioned. The advantages they present are numerous; not only to the Students who may be desirous of obtaining information, but to all concerned, whether in the business of medical instruction, or in the management of the hospitals and infirmaries, which most of our large towns possess. It becomes the interest, no less than it is the duty, of the Governors of provincial hospitals and infirmaries, to foster with care these rising institutions, which have difficulties enough to encounter in the hitherto insurmountable prejudices of the vulgar, without meeting with opposition from those whom they naturally look up to for support. The best talent which the Town affords will be secured to the public institutions for the sick poor; or if it be not secured, at least no plan can be well devised that affords a fairer chance of advancement to the successful and industrious teacher of his profession, or that more effectually direct patronage to its legitimate object—the protection and advancement of merit.

"Much, however, as all classes are benefited by such establishments, none participate so deeply in their advantages, and so immediately, as the Students themselves. The regulations for study now imposed on a Medical Student by the recent enactments of the

College of Surgeons, London, and the Apothecaries' Hall, render it no easy task for a Pupil, however diligent he may be, to follow, with any lasting effect, the course of study prescribed, in the short period allotted for their residence in Town.

"To follow with zeal the extensive range of pursuits, as is comprised in the List of the regulations for study now imposed by the College of Surgeons and Apothecaries' Hall, requires, not only a spirit, but a frame of constitution rarely possessed by a youth of twenty years of age. And it unfortunately happens that a Season rarely elapses without one or more of our most hard-working young men falling a sacrifice to their close application.

"It needs but little argument to convince the Student of the utter impossibility of effectively bestowing his attention to all the important branches of medical education, unless he is able to lighten his labour, by having previously obtained an extensive acquaintance with Anatomy before he commences his studies in Town. Provincial Schools afford him, during his pupilage, the means of gaining this solid foundation. The objections so frequently urged against the long period of apprenticeship, as required by the existing laws, vanish, when the instruction received by occasional attendance on Lectures, during apprenticeship, is taken into consideration. The mind of a Surgeon's Pupil, who possesses these advantages, becomes early drilled and initiated, not only, as heretofore, in the mechanical art of dispensing medicines, but in the interesting walks of science. He is insensibly led to form a just estimation of the profession in which he is embarked, and to take early delight in those pursuits which are to form his principal study. At the termination of his apprenticeship, with a mind well prepared by previous habits of study, and a disposition to take advantage of every opportunity that offers of obtaining information, he comes to a large hospital, where he soon begins to find the value of his previously-acquired knowledge. Instead of being obliged to devote his time to the acquisition of the elementary principles of science, he is able to see and understand their application in practice: instead of exclusively passing his valuable time in the ordinary occupation of a dissecting room—which the Pupil uninformed in Anatomy is compelled to do—he can select his subjects for dissection, and more accurately inform himself in those parts that are concerned in operations and

practical surgery. He is able to spare more time for observation of disease at the bed-side, aided by the remarks of the Physician and Surgeon; his previous information divests his pursuits of that irksomeness that must attend a course of study directed solely with a view to pass an examination; and he feels and regards his studies rather in the light of a pleasant pursuit, than as an arduous and laborious task.

"It were endless to attempt to enumerate or to describe the advantages and influence of previous study on a young man, before he comes to a large scene of disease for the completion of his education: but there is one, in which is comprised so much that is good, that it deserves to be especially pointed out; I mean the utter extinction of that pernicious system technically termed "grinding."—The demands made on a Student's time have hitherto rendered this process, to a certain extent, unavoidable. A young man must have a retentive memory, indeed, who can pursue science as it ought to be followed, and at the same time retain in his mind, at the end of two years, those points which an examination calls for. The Student who conducts his studies, solely intent upon his examinations, will charge his memory with the details of his subjects, to be forgotten as soon as they cease to be subservient to the purposes for which they were acquired.

"Strongly impressed with the necessity of Medical Pupils of the present day coming to Town with some knowledge of the subjects of their future studies, I have thought it right to impress on their minds the immense advantages which the Schools in large towns hold out to them; assuring them that they will sensibly feel the benefits arising from them during the whole of their professional career."

CATALOGUE OF THE MUSEUM.

OSSEOUS SYSTEM.

A

Skeleton of an Adult Male . . *Mr. W. S. Cox*
Ditto ditto ditto . . . . *ibid*
Ditto ditto Female . . . . *ibid*
Upper Extremities, articulated . . . *ibid*
Lower Extremities, articulated . . . . *ibid*

B

Bones of the Trunk and Extremities.

Two Male Pelvises, and a strongly-marked well-formed Pelvis—*ibid*
Two Female Pelvises . . . . *ibid*
The Ossa Innominata, Sacralia et Coxalia . . . *ibid*
The Cervical, Dorsal, and Lumbar Vertebræ . . *ibid*
Vertebra, picked up on the Plain of Waterloo . *Mr. Corns*
Sections of the Spinal Column, to shew Vertebral Canal *Mr. W. S. Cox*

Bones of the Lower Extremity.

Ten Ossa Femorum, ten Tibiæ, ten Fibulæ, and eight Patellæ—*ibid*
Tarsal, Metatarsal Bones, and Phalanges . . . *ibid*
Bones of the Foot, articulated . . . . *ibid*

Bones of the Upper Extremity.

Eight Claviculæ, ten Scapulæ, and twelve Humeri . *ibid*
Twelve Radii, twelve Ulnæ . . . . *ibid*
Carpal, Metacarpal, and Phalanges, separate and articulated *ibid*
Costæ, and Ossa Sterni . . . . *ibid*

C

Of the Skull.

An Adult Cranium, Sutures strongly marked . . *ibid*
Cranium of Chapman, executed at Warwick, for Murder—
W. Harris, Esq.
Cranium marked according to the System of Gall—*Mr. W. S. Cox*
Cranium of a North American Indian . . *ibid*
A Negro Skull . . . . . *ibid*
Cranium of a Male, aged 102, Alveolar Processes of the Teeth completely absorbed . . . .
A Skull, with the Sagittal Suture continued to the Nose—
Os Frontis, shewing the Frontal Sinuses with their Bony Septum
Mr. W. S. Cox
Cranium of Female Ossa Triquetra, strongly marked . *ibid*
A Skull, shewing the Alveolar Processes absorbed . *ibid*
Cranium, shewing the beginning, obliteration of the Coronal, Sagittal, and lambdoidal Sutures . . . *ibid*
Six Crania, different periods of life . . . *ibid*
A Skull approaching to a Globular Form . . . *ibid*
A young Skull, beautifully white . . . *ibid*
Various sections of Crania . . . . . *ibid*
Five Bases of Skulls and Bones composing the Face . *ibid*

Separate Bones of the Head.

Ossa Frontis, Occipitis Temporum, Parietalia, Ethmöidea, Sphenöidea . . . . . *ibid*

D

Separate Bones of the Head.

Ossa Nasi, Lacrymalia, Maxillaria Superiora, Palatina, Spongiosa Inferiora, Malarum, Vomer, Maxillare Inferius . *ibid*

Structure and Diseases of Bones.

Fœtal Spine, shewing the Points of Ossification in the Vertebræ—
Mr. Lyons.
Fœtal Skeleton, six months . . *Mr. W. S. Cox*

Fœtal Skeleton, four months . . *Mr. W. S. Cox*
Ditto ditto two ditto . . . . *ibid*
Bones of the Foot beautifully injected . . . *ibid*
The Tibia and Fibula, to shew Vascularity of Bone and Periosteum *ibid*
Tibia, to shew Vascularity of Periosteum . . *ibid*
Blood Vessels of the Os Parietale minutely injected . *ibid*
Ditto ditto ditto . . *ibid*
Portion of Bone to shew Vascularity and also the Medullary Artery of the Tibia . . . . *ibid*
Three Fœtal Ossa Femorum injected shewing the Epiphyses and Points of Ossification . . . . *ibid*
Three Sections of the Tibia, to shew Vascularity of Cancelli *ibid*
Patella, shewing the Artery in the Centre for the Formation of Bone . . . . . *ibid*
Numerous Sections of Bone, to shew Cancelli . . *ibid*

Diseases of Bones.

A Cranium of a Female, Carious from Venereal Disease. The Bones of the Palate are completely destroyed, a very considerable portion of the right Parietal Bone exfoliated; the pulsation of the Brain forced the Dura Mater against the edges of the Bone; it was destroyed by inflammation, and Fungus Cerebri followed . . . *ibid*
Great destruction of the Frontal Bone from Scrofula—the Patient, a Boy, aged 17, died from Abscess on the Lungs *ibid*
A most extensive Fracture of the Cranium, followed by immediate death . . . . . *ibid*
The Cranium of a Syphilitic Patient, where the Disease was arrested . . . . . *ibid*
Un-united Fractured Humerus. Non-union in the present instance arose fron the extremities of the Bone being so completely thrust past each other. Various attempts were made to produce union, by exciting the extremities of the Bone to take on what has been termed Ossific Inflammation—but without success . . . . . *ibid*
Fracture of the Tibia and Fibula. In this case the bones have been pretty accurately united . . . . *ibid*

Fracture of the Os Femoris. A specimen of better Surgery than the Preparation on the Table. There would, however, have been some shortening of the Limb . *Mr. W. S. Cox*

Section of a Fractured Thigh Bone, well united . *ibid*

Fractured Thigh Bone, the upper portion projecting forwards; there is also considerable deposition of ossific matter posteriorly . . . . . *ibid*

A beautiful specimen of diseased Hip-joint. The head of the Thigh Bone has been partly absorbed; the Acetabulum destroyed: the neck of the Thigh Bone was drawn upon the Ilium. The Patient was exhausted by irritation and inflammation . . . . . *ibid*

Seven beautiful specimens of Exostoses, the effects of Inflammation of Bone in the Horse. One in particular arose from a shot received in the Knee-joint, at the battle of Waterloo.—*Presented to Mr. W. S. Cox by the late E. Palfrey, Esq.*

Five specimens of Caries affecting the Knee-joint—*Mr. W. S. Cox*

Caries of the Tibia, with exfoliation . . .

Fractured Nasal Bones . . . *Mr. Moore*

Fractured Carpal Bones . . . *Mr. W. S. Cox*

Three specimens of Sequestra, which have been brought away from Patients who have had Necrosis . . *ibid*

A most beautiful specimen of Necrosis of the Os Femoris. A case of new Bone encloses the Sequestra, or portion of Bone which was about to exfoliate . *Mr. E. T. Cox*

Three Fractures through the neck of the Thigh Bone. In these cases, union took place through the medium of Fibro-cartilage. The Patients were treated after the plan recommended by Sir A. Cooper, and were able to walk with a very slight degree of lameness . . *Mr. W. S. Cox*

Fracture through the Trochanter Major. In this case, also, no ossific union took place . . . *ibid*

Re-united Fracture of the Clavicle . . . *ibid*

Three specimens of Caries arising from Syphilis . . *ibid*

Specimen of absorption of the Tibia, from the pressure of an aneurism . . . . . *ibid*

Five specimens of Inflammation of Bones, with deposits of ossific matter . . . . . *ibid*

Stump of a Tibia and Fibula, after Amputation *Mr. W. S. Cox*

A most valuable specimen of Fracture of the Os Femoris, arising from Atrophia Ossium. In this case the Bone resembles a mere shell, and fracture was produced solely by the action of the muscles . . . . *Mr. Moore*

Interesting specimens of Enlarged Bones from interstitial deposition [*On the Table.*] . . . *Mr. W. S. Cox*

Fractured Os Femoris. Specimen of Bad Surgery [*On the Table*] *ibid*

A most remarkable specimen of Union of Fracture through the Trochanter Major by an extraordinay deposition of Ossific Matter . . . . . *ibid*

Beautiful specimen of Exostosis of the Os Femoris, Caries and Exostosis of the Tibia . . . . *ibid*

Of the Structure of Joints.

Patella and Ligament, shewing Vascularity . . *ibid*

The Knee-joint with the Capsular Ligament, shewing their Vascularity . . . . . *ibid*

The Knee-joint, to shew the Vessels round the Cartilages and Ligaments . . . . . *ibid*

Knee-joint, shewing its extreme Vascularity . . *ibid*

The Knee-joint, shewing the Bursæ and Vascularity of the Capsular Ligament . . . . . *ibid*

The Shoulder-joint of the Fœtus minutely injected . *ibid*

The Hip-joint of the Fœtus most minutely injected . *ibid*

The Knee-joint, shewing Vascularity . . . *ibid*

A Section of the Os Humeri, shewing the Cancelli, the Capsular Ligament, and the Tendon of the Biceps Muscle passing through it, and attached to the Glenoid Cavity . *ibid*

Two Sections of the Hip-joint, shewing the extent of the Capsular Ligament . . . . . *ibid*

The Carpal Joint, shewing its structure and Connection with the Os Lunare and Magnum . . . *ibid*

An Adult Hand, shewing the lateral Ligaments of the Finger-joints *ibid*

Ligaments of the Knee-joint . . . . *ibid*

Ligaments of the Elbow and Shoulder-joints *Mr. W. S. Cox*
The Tibio-Tarsal-joint, shewing its Structure and Connections *ibid*
The Ligaments of the Spinal Column . . . *ibid*
Ligaments and mode of Connection of the Ribs . . *ibid*

MUSCULAR SYSTEM.

Structure of Muscles.

Preparation to illustrate the Structure of Tendon . . *ibid*
The Gastrocnemius beautifully injected . . *ibid*
Tendo Achilles to shew its Vascularity . . . *ibid*
Tendo Achilles and Gastrocnemii to exhibit Vascularity .
A beautiful specimen of Ossification of the Diaphragm . *ibid*
Ossific Matter deposited in the centre of a Tendon . *ibid*

D

The Skin—Organs of Touch.

The Skin of the Foot most minutely injected . . *ibid*
The Skin of the Arm most minutely injected . *Mr. Lyons*
Fingers minutely injected with quicksilver . *Mr. W. S. Cox*
Ditto ditto ditto . . *ibid*
The Cuticle of the hand shewing its Porous Texture . *ibid*
Portion from the Scrotum of a Black shewing the Cuticle, Rete, Mucosum and Cutis Vera . . . *ibid*
Cuticle, Rete, Mucosum, Cutis Vera . . .
Fortune marked on the Cutis, from the Arm of a Sailor *ibid*
Cuticle, Rete, Mucosum, and Cutis Vera, from the Arm of a Black
The Skin of the Rattle-snake shewing the continuation of the Conjunctiva over the Cornea . . . *ibid*

Organs of Smell.

Schneider's Membrane beautifully injected, and also that of the Teeth of a Fœtus, seven months old; the enamel of the Incisors is formed . . . . *ibid*
The Membrane investing Septum Narium, and Chambers of the Nose most beautifully injected . . *Mr. Lyons*

A section of the Head of the Hare, shewing the extreme Vaseularity of Schneider's Membrane . *Mr. W. S. Cox*

Of the Teeth.

The lower Maxillary Bone laid open, to shew the course of the inferior Maxillary Artery . . . . *ibid*

Lower Jaw, and investing Membrane of the Teeth, injected

Inferior Maxillary Bone, at different periods of developement—*ibid*

Blood-vessels of the Teeth of the Calf, minutely injected *ibid*

Sections of the Teeth of the Tiger, to shew the extent of the Enamel . . . . . *ibid*

Superior Maxillary Bone, to shew the progress of the Adult Molares . . . . . *ibid*

Superior Maxillary Bone, to shew the refleetion of the Periosteum *ibid*

Superior Maxillary Bone to shew the Membranes investing the Alveolar Processes, and progress of developement of the Teeth . . . . . *ibid*

Inferior Maxillary Bone, to shew the Capsules of the Teeth.

Organs of Sight.

A beautiful Preparation, in which a longitudinal section has been made to bring into view the following Tunies—Retina, Choroid, Iris, Sclerotic, and Cornea . . *ibid*

A beautiful Specimen of the Tunica Sclerotica, very minutely injected, dried, and preserved in oil of turpentine— *ibid*

A specimen of the Iris, minutely injeeted . . . *ibid*

A Preparation of the Eye, in which the Coats may be distinctly seen—viz. the Sclerotic, Choroid, and Retina . *ibid*

Transverse section of the Eye of an Ox, shewing the Tapetum—*ibid*

Section of an Eye, shewing the Coats, Ciliary Ligament, and Lens *ibid*

Preparation, in which the Tunica Sclerotica has been removed to shew the Tunica Choroides . . . *ibid*

A fine Preparation of the Anatomy of the Contents of the Orbit, shewing Museles, Vessels, Nerves, &c.; bristles are introduced into the Puncta Lacrymalia . . *ibid*

A Preparation of the Lacrymal Gland, injected with Quicksilver—
Mr. W. S. Cox

Vascularity of the Membrane lining the Palpebræ; bristles are introduced into the Puncta Lacrymalia . . *ibid*

[*Remainder of Preparations illustrating the Organs of Sight, vide Table.*]

[*Organs of Hearing, vide Table.*]

Kidnies.

Minutely injected Kidney, shewing the Cortical and Tubular Portions, and Papillæ . . . . *Mr. Lyons*

Injected Kidney, shewing the Papillæ ending in the Pelvis—
Mr. W. S. Cox

Minutely injected Kidney, shewing the Pelvis and Renal Vessels—
ibid

A most interesting preparation of the Kidney, the structure of which is morbidly changed. Pelvis filled by a very large Calculi . . . . . *Mr. Jukes*

Kidney having double Ureters. In this case only one Kidney was found; there also existed a great peculiarity, the Uterus was found to be double . . *Mr. Baynham*

Morbid Kidney; structure of the organ destroyed; great dilitation of the Ureter . . . *Mr. W. S. Cox*

The other Kidney, diseased, from the same person . *ibid*

Calculus (Oxalate of Lime) . . . . *ibid*

Ditto ditto . . . . . *ibid*

Ditto ditto from a Pig . *Mr. Grainger*

Calculi, found in the Pelvis of the Kidney . *Mr. Harris*

Lithic Acid Calculus Nucleus Oxalate of Lime *Mr. W. S. Cox*

Ditto ditto ditto . . *ibid*

Ditto ditto ditto . . . *ibid*

Ditto ditto ditto . . *ibid*

Calculus (Amoniaco-magnesia Phosphates) . . *ibid*

Lithic Acid Calculus . . . . . *ibid*

Ditto ditto . . . . . *ibid*

Ditto ditto . . . *Mr. Lucis, Stourbridge*

Calculus (mixed Phosphates externally) . *Mr. W. S. Cox*

Calculus (mixed Phosphates externally) . *Mr. W. S. Cox*
Section of Calculus (Lithic Acid, principally) . . *ibid*
Calculus (Lithic Acid, probably under the influence of Alkalies)— *ibid*
Calculus (mixed Phosphates with Lithic Acid) . *ibid*

I

Organs of Digestion, Respiration, and Circulation.

Fœtus, shewing the relative position of the Viscera and Liver, minutely injected . . . *Mr. Lyons*
Fœtus, beautifully injected, shewing the Vascularity of the Mucous Membrane lining the Fauces, Pharynx, Œsophagus, and Stomach . . . . *Mr. W. S. Cox*
Portion of Intestine, shewing Vascularity . . *ibid*
Portion of Intestine, shewing valvulæ Conniventes *Mr. Lyons*
Portion of the Jejunum, shewing its Vascularity and Valvulæ Conniventes . . *Mr. W. S. Cox*
Fœtal Intestines, shewing Vascularity . . *Mr. Lyons*
Fœtal Stomach, minutely injected . *Mr. W. S. Cox*
Fœtal Intestines, minutely injected . . . . *ibid*
Three specimens of minutely injected Intestines . . *ibid*
A Stomach, injected . . . . . *ibid*
Stomach, shewing the Pylorie Valve
Stomach of the Turtle . . . . . *ibid*
A Gall-bladder, minutely injected; the absorbents are filled with quicksilver; the chief Trunk is seen running over the Ductus Communis Choledochus . . *ibid*
Gall-bladder, with its Ducts . . . . *ibid*
Gall-bladder inverted, to shew its reticulated appearance *ibid*
Gall-bladder and Pancreas, shewing their Ducts . *ibid*
Pancreas, injected
Abscess in the Coats of the Œsophagus, connected with diseased Vertebræ. No indication before death, which occurred instantaneously, as a consequence of the retention of a lump of meat above the Abscess . . *Mr. Baynham*
Stricture in the Œsophagus. Death produced from a cherry-stone lodging in the contracted portion of the tube . *ibid*

Portions of the Aorta and Iliac Arteries Ossified

Ulceration of the Mucous Membrane lining the Trachea—*Mr. Jukes*

Bronchial Glands, diseased . . *Mr. Baynham*

Fistulous Aperture remaining after Cut Throat. Lived several months . . . . . *ibid*

Tumor within the Duodenum . . *Mr. W. S. Cox*

A beautiful specimen of Ulceration and abscess of the Rectum *Mr. Jukes*

Beautiful Preparation of Ulceration of the Intestine, Vessels minutely injected; removed from a Boy who died of Typhus Fever . . . . *Mr. W. S. Cox*

An Intus-Susceptio in a Female who died of an Obstruction, Inflammation, and Mortification of the Bowels *Mr. Lyons*

Ulcerated Intestine. The person died of Dysentery *Mr. Jukes*

Intestine Burst by External Violence . *Mr. Baynham*

Ulceration through the Intestine. Death from Typhus . *ibid*

Three Specimens of Biliary Calculi . *Mr. W. S. Cox*

A large Biliary Calculus . . . . *Mr. Lucis*

Gall-bladder diseased. Gall-bladder contained upwards of two hundred Calculi . . . *Mr. Baynham*

Stomach of Dr. Gall . . . . *Mr. Jukes*

Stomach of A. E. who died from taking the Essential Oil of Bitter Almonds . . . *Mr. W. S. Cox*

Stomach of ———. Death produced by Sulph. Acid—*Mr. Ashwin Bilston*

A thickened and schirrhous state of the Pylorus. Stomach was enormously enlarged , . . *Mr. Bucknill*

Schirrhous state of all the Coats of the Stomach. Cavity almost entirely contracted . . . *Mr. W. S. Cox*

A large Schirrhous Tumor connected with the Stomach—*Mr Jukes*

Diseases of the Heart and Arteries.

Deficiency of Septum Auricularum. Patient, 17 years of age; complexion of a deep purple; capable of moderate exertion—*Mr. Baynham*

Auriculo Ventricular Valves diseased . . *ibid*

Mitral Valve, ossified . . . . . *Mr. Baynham*
Aneurism of Aorta bursting into the Trachea . . *ibid*
Hypertrophy of the Heart, Ossification of the Semilunar Valves . . *Mr. Bucknill, Nuneaton*
A Heart with the Pericardium, which is covered and lined with coagulating Lymph, the consequence of Inflammation. The Pericardium much thickened, the Internal Surface shewing a deposition of a yellowish pulpy Matter detached; varies in thickness, and appears like Lace-work. The Heart itself partakes of the same appearance from Inflammation as its immediate covering, the Pericardium *Mr. Knowles*
Ossification of the Semilunar Valves . . *Mr. Jukes*
Aneurism of the Carotid Artery . . . *ibid*
Aneurism of the Aorta which destroyed life by Rupture into the Pericardium; the Sac nearly filled by the deposition of layers of coagulated Lymph . . *Mr. W. S. Cox*
Obliteration of the external Iliac Artery . . *ibid*

PREPARATIONS CONNECTED WITH THE FŒTUS, &c.

G H

Double Placenta, united by Membrane . *Mr. Ingleby*
External and Internal parts of Generation, with the Rectum and Bladder . . . . . *ibid*
Placenta and Funis injected, with the Membranes Stuffed
Uterus injected, to shew its Vascularity at about the Fourth Day after Delivery . . . . . *ibid*
Uterus immediately after Delivery, stuffed and dried, with the Bladder and Rectum . . . . *ibid*
Uterus, Bladder and Rectum
Placenta and Funis injected
Uterus, Vagina, and Bladder injected to shew the Plexus of Vessels surrounding the Urethra
Fœtal Circulation, more particularly the Ducties Venosus
Injected Placenta Funis, shewing the Sulci on its maternal substance
Hydrops Ovaria in an Ass, with the Ligamentum Latum &c.

An enlarged Ovary, (2 sacs) . . *Mr. T. Taylor*
Two Casts of Deformed Pelvis . . *Mr. Ingleby*
Two Fœtal Heads, and a Fœtal Skeleton . . . *ibid*
Double Placenta . . . . . *ibid*
A Pelvis
A Pelvis, containing the Pelvic Viscera . . *ibid*
Four Skeletons and four Fœtal Heads . . . *ibid*
The Upper Extremity of a Child . . . *ibid*
Pelvis of a Child . . . . . *ibid*
Bones of the internal Ear . . . . *ibid*
Head and Neck of a Skeleton of an immature Fœtus . *ibid*
Part of a Small Pelvis . . . . *ibid*
Several Bones of the Fœtal Head . . . . *ibid*
A Deformed Pelvis . . . . . *ibid*
A Pelvis Covered with Leather . . . *ibid*
Model of a Deformed Pelvis . . . . *ibid*
Part of a Pelvis with Exostosis of the Sacrum . *ibid*
Two exceedingly Deformed Pelves . . . *ibid*
Model of a Deformed Pelvis . . . . *ibid*
Lower Extremity of a Child . . . . *ibid*
Part of a Dried Fœtus . . . . . *ibid*
Part of a Deformed Pelvis . . . *ibid*
A Pelvis and Pelvic Vicera . . . . *ibid*
Fœtal Pelvis and two Adult Pelves . . . *ibid*
Ossa Innominata . . . . . *ibid*
Three Pelves, with Ligaments . . . *ibid*
Half a Pelvis, with Ligaments . . . . *ibid*
Four Pelves, with Ligaments . . . *ibid*
A Cast of the Gravid Uterus. [*On the Table*]
A Cast of the Gravid Uterus, with Fœtus exposed, *ditto*
A Cast of the Gravid Uterus, shewing the Placental connexion

H. L. M.

Organs of Re-production, and developement of the Fœtus.

The identical ruptured Uterus taken from a Patient who was attended by the late Dr. Blegborough. The case was pub-

lished in the Medical and Physical Journal; the Bladder, Rectum, and contiguous Organs are preserved. The laceration is in the Cervix Uteri inferiorly and posteriorly— *Mr. Ingleby*

A choice specimen of a Hymen, from a subject at the period of puberty . . . . . *ibid*

The Uterus of a Lamb, with its appendages . . *ibid*

Uterus in a state of Gangrene, take from a Woman who died a few days after delivery . . . . . *ibid*

Fœtus of a Sheep, inclosed in its membranes . . *ibid*

Human Fœtus, at about the second month, suspended by the Funis, and shewing the Vesicula Alba . . *ibid*

A portion of the Vagina of the Cow, exhibiting the Rugæ

Cervix and Os Uteri of the Cow, with a portion of the Vagina

Cancer of the Os and Cervix Uteri

A most beautiful Ovum unopened, at about a month after conception, through the membranes of which the Embryon is very distinctly seen, attached by its Funis

Uterus, with its Appendages . . *Mr. Knowles*

A most beautiful Ovum, the Amnion of which is divided, shewing the Embryon about half the size of a bean, dependent from the Placenta by its Funis . . *Mr. Ingleby*

An extremely beautiful view of the External Organs and Hymen admirably seen à posteriore . . . *ibid*

A Mole, which was expelled a few hours after the delivery of a child at the ninth month . . . . *ibid*

Steatomatous Tumours developed in the substance of the Uterus.— It was taken from a Woman who died from Apoplexy— *Mr. Alfred Jukes*

A Fœtus at about the third month, with the Funis encircling the neck . . . . . *Mr. Butler*

An Ovum, at about seventy days; the membranes are slit open, and the Fœtus is suspended by the Funis *Mr. Jukes*

A portion of the Spine of a Child affected with Spina Bifida; the Integuments and Sac are laid open, shewing the Nerves— *Mr. Ingleby*

An Ovum, shewing the Chorion, and a minute Embryon may be seen attached to the Membranes, by the aid of a microscope

 ibid

A Fœtus, at about the third month . . *Mr. Ingleby*
Fœtus of a Sheep, enclosed in its membranes . . *ibid*
A Fœtus, at about the third month *Mr. Evans, Stourbridge*
A Fœtus at seventy-five days, shewing a coagulum of blood beneath . . . . *Mr. Wickenden*
Os Uteri and upper portion of the Vagina of the Sheep
A Fœtus under the third month . . *Mr. Butler*
An Abortion, shewing the Chorion and Vesicula Umbilicalis— *Mr. Ingleby*
A portion of the Ovary of a Cow, shewing Corpus Luteum
A portion of the Tunica Decidua . . . *ibid*
A Fœtal Heart, shewing the Foramen Ovale . . *ibid*
The Ovary of the Cow, shewing the Corpora Lutea . *ibid*
The external parts of Generation . . . . *ibid*
An Abortion, in which the Ovum is very large; distinctly shewing the Spongy Chorion, and a minute Embryon connected by its Funis . . . . . *ibid*
Fœtus of a Sheep in its membranes . . . *ibid*
A diseased Ovum, passed at the sixth month; the Uterus then closed, although it contained a Fœtus, subsequently (about three months) expelled by decayed pieces . *ibid*
An Abortion, at about the second month, shewing the Tunica Decidua Reflexa, with the other membranes, the Vesicula Umbilicalis, and the Fœtus suspended by its Funis *ibid*
Cancer Uteri, having destroyed the Neck and a part of the Body of the Organ; the Bladder is also nearly destroyed by Ulceration . . . . . *Mr. Ingleby*
False Conception . . . . . *ibid*
The two Ossa Pubis, exemplifying their Cartilaginous Symphisis *ibid*
A Morbid Preparation of the Uterus, with its appendages, affected with Scrophulous Inflammation; the interior of the Organ appears suffused with Decidua; a quill is inserted in the Os Uteri . . . . . *ibid*
A Fœtus at the Third Month . . . . *ibid*
A fine Example of the whole of the internal Female Organs; the interior of the Uterus is exposed by a longitudinal incision, shewing the openings of the Fallopian Tubes, into which

Bristles are introduced; the penniform Rugæ are also seen, as well as the Os Uteri and latteral rugæ of the Vagina, the ligamenta rotunda Uteri and of the Ovaria; on the posterior surface of which last mentioned Organs there are feint traces of the Ovula Graaffiana, the Fallopian Tubes and Fimbriæ are all displayed, with a portion of the Bladder; the Ureters also and their terminations are very obvious, also the orifice of the Urethra, through which a quill is passed—*Mr. Ingleby*

A diseased Ovary . . . . . *ibid*

The Uterus and appendages of a Sheep . . . *ibid*

Diseased Ovum laid open, displaying a Vesicular or Hydatid state of its interior . . . . . *ibid*

A very distinct specimen of Cancer Uteri, in which two-thirds of the organ from its orifice towards its Fundus are destroyed by the Depascent Ulceration, the Ureters are seen very much enlarged and injected, also one of the Spermatic Arteries, the Ovaria, Fimbriæ and Fallopian Tubes are well displayed, a great portion of the Bladder is also destroyed . *ibid*

An Embryo at an early period still adherent to the Amnios *Mr. Knowles*

Cervix Uteri of the Cow filled with a Mucous Plug *Mr. Ingleby*

Preparation exhibiting the structure of the Cervix Uteri of the Cow *ibid*

Abortion, shewing the lobulated structure of the Placenta. The Vesicula alba conneeted to the Funis Umbilicalis. The Embryo as large as a horse bean . . . *ibid*

Ovarium of the Cow shewing a Corpus Luteum . . *ibid*

Ovaries and Fallopian Tubes of the Sow . . *ibid*

Uterus of the Infant with its appendages . . . *ibid*

Dropsy of the Fallopian Tubes (small) . *Mr. Middlemore*

A portion of Decidua . . . . *Mr. Ingleby*

A Fœtus at about the sixth week

Fœtal Kidney shewing its lobulated state . . *ibid*

A Fœtus at about the fourth month . . . *Mr. Best*

A Fœtus at about seventy-five days . . *Mr. Ingleby*

A Uterus laid open and exhibiting three small but very distinct Polypi . . . . . *ibid*

A Fœtus at the third month . . *Mr. Edwards*

A Whelp enclosed in its Membranes . . *Mr. Ingleby*
An imperforate Anus . . . . . *ibid*
An Ovarium shewing the Vesicula Graaffiana, externally and internally . . . . . *ibid*
A Fœtus at about seventy-five days . . . *ibid*
Ovarium of a Cow with an abscess in its centre . . *ibid*
The Uterus, Vagina and Bladder of a Fœtus . . *ibid*
A Whelp and its membranes . . . . *ibid*
External Genital Organs of the Female Infant . *ibid*
An Ovarium shewing a Corpus Luteum . . . *ibid*
A portion of the Liver of a Gin-drinker . . *ibid*
An Ovum and Decidua at the sixth or seventh week— *Mr. Wickenden*
A choice specimen of an Ovum laid open for the purpose of shewing a very minute Embryon, scarcely exceeding the size of a pin's head; the Vesicula Alba is very distinct *Mr. Ingleby*
An Ovum containing two distinct Fœtuses; one considerably larger than the other; the period is about three weeks or a month; the Ovum is unopened but exhibiting clear indications of the Spongy Chorion
An Ovary, shewing the Cavity before the formation of a Cicatrix— *Mr. Ingleby*
A Whelp enveloped in its membranes . . *ibid*
An Ovum, shewing the vessels of the Chorion and Embryo—the extremities being mere sprouts: it shews, also, the Funis Umbilicalis . . . . . *ibid*
A Fœtal Pelvis . . . . . *ibid*
Uterus, Bladder, and Vagina of an Adult; the latter laid open to shew its structure . . . *Mr. F. Jukes*
A Tuberculated Uterus . . . . *Mr. Hodgson*
Uterus laid open, shewing its structure . *Mr. Ingleby*
The Uterus, four days after delivery. The Patient died of an affection of the Lungs . . . *Mr. Shipton*
A Placenta and Membranes . . . *Mr. Ingleby*
A Fœtal Heart, Lungs, and Thymous Gland . . *ibid*
A portion of Decidua . . . . . *ibid*
A Fœtus, at seventy-five days

The Fœtus, with Placenta, found in the Abdomen in a case of ruptured Uterus *(vide No. 1)* . . *Mr. Ingleby*

The Uterus, one month after Abortion. The Patient died of Peretonitis . . . . . *ibid*

The Membranes of a Cat . . . . *ibid*

A portion of retained Placenta, which was passed after several violent Hemorrhages . . . *ibid*

Placenta of a Cat

A Kitten enveloped in its Membranes, and attached to the Placenta by the Funis . . . . . *ibid*

Enlargement of the Pelvis of the Kidney and Ureter—

Mr Elkington

An Ovum, without the Embryo, shewing great extravasation between the membranes . . . *Mr. Evans*

Uteri of Sheep, shewing the Placental Situation

Tuberculated state of the Mesentery, corresponding with the case of Tuberculated Uterus . . . *Mr. Hodgson*

Uterus of a Woman, who died ten or twelve days after delivery, apparently from Puerperal Fever; it contained a quantity of liquid blood . . . . *Mr. Ingleby*

Fœtal Heart, shewing the Ductus Arteriosus, between which and the ascending Aorta a piece of lead is placed: the Lungs are seen with the Pulmonary Arteries . *Mr. A. Jukes*

The Gravid Uterus, from sixth to seventh month—*Mr. T. Taylor*

The entire Ovum, at the seventh month . *Mr. Heath*

A Fibrous Tumour, passed from a Female, supposed to be unimpregnated, after three months hemorrhage—*Mr. T. Taylor*

The Uterus of a Woman who died the day after delivery, shewing the Placental attachment . . *Mr. Bellamy*

Membrane passed in Dysmenorrhœa . *Mr. Ingleby*

Diseased Ovum, without an Embryo . . . *ibid*

Ovum, shewing the Decidua Reflexa . . . *ibid*

Injected Placenta, in Spirit . . . . *ibid*

A fine Preparation of a gravid Uterus, containing a Fœtus at about eight months of Utero-gestation; the membranes are open to shew the Fœtus in a natural presentation; a longitudinal section of the Vagina has been made for the purpose of exhibiting an interesting view of the Os Uteri, somewhat

dilated, but occupied by the gelatinous secretion from the Glandulæ Nabothi. The Fallopian Tubes, Fimbriæ, and Ovaria are also well seen, the latter being divided. The whole is well injected

Fœtus, at eight months, shewing the Testes in the internal ring, &c. &c. . . . . *Mr. Ingleby*

Remarkably fine and large Ovum, unopened, at about six or seven weeks, shewing Chorion-Fœtus, Vesicula, Umbilicalis, &c.— *Mr. Edwards*

Uterus, shewing openings of the Fallopian Tubes *Mr. Ingleby*

Ruptured Placenta of a Cat. The animal died from internal hemorrhage . . . . *Mr. Hodgson*

Placenta and Membranes from the same Cat,

Encysted Tumour from the Labium Pudendi *Mr. Elkington*

Calculi in the Mesenteric Gland, from an elderly person— *Mr. Wickenden*

Diseased Placenta of the grape kind, large, but the Fœtus very minute and attached by a Filament. The Patient endured Hemorrhage for many months . . *Mr. Ingleby*

A Fœtus and Placenta attached by the Funis, about the fourth month . . . . *Mr. Hodgson*

Uterus with a portion of Placenta, organised and adherent— *Mr. Ingleby*

Cauliflower excresence of the Uterus . . *Mr. Hodgson*

Fœtus at about fourth month

Fœtus (twin) at about ten weeks

Os Uteri excised (Mrs. Barrs)

Fungoid growth of Os Uteri, removed from Mrs. Bostock

Uterus with a peculiar formation of the Os, having a Tumour growing from near the origin of the Fallopian Tube— *M. Hodgson*

Tumour from Os Sacrum which materially impeded labour— *Mr. Elkington*

Uterus of the late Mrs. Bostock, from which the Cervix had been previously excised . . . *Mr. Ingleby*

The Heart and Lungs of a Fœtus . . . *ibid*

Virgin Uterus shewing the mode in which the Os Uteri dips into the Vagina

An Ovarian Cyst . . . . . *Mr. Ingleby*

A Fallopian Pregnancy; the patient died from internal Hemorrhage; the Fœtus is very distinctly seen in the Tube: the Membranes, Vesicula Alba, and small Filiament proceeding from it. . . . . *Mr. Bellamy*

Twin Abortion at about seven or eight weeks unopened, very perfect—Fœtus is seen through the Membranes *Mr. Ingleby*

Ovarium in a very diseased state, exhibiting on being opened, a very Vesicular appearance in some parts of it—
Mr. Jones, Cleobury Mortimer

Uterus, opened by an incision from the Fundus; the walls are very thick; Cancer of the Cervix and Bladder laid open by the same disease . . . *Mr. Elkington*

Tuberculated state of the Uterine Peritoneum. The disease affected the Peritoneum generally. The Subject of it was, during life, supposed to be pregnant . *Mr. George Taylor*

Polypus Uteri, renewed by Ligature . . *Mr. Hodgson*

Uterus and Ovarum laid open; the Ovarium shews a Corpus Luteum very well . . . . *Mr. Ingleby*

Cancer of the Cervix Uteri; Bladder diseased; the body was remarkably extenuated. N. B.—No disease of the other parts *ibid*

Uterus laid open of a Girl who drowned herself, it is believed, under great mental excitement, occasioned by a breach of promise of marriage. The inner surface was *very red*: it now displays a degree of Vascularity . . *ibid*

Virgin Uterus, shewing the os internum very well . . *ibid*

Abscess in the Posterior part of the Ovarium, proving fatal by inducing Constipation and symptoms of Introsusception or Strangulation—(see case) . . . *ibid*

Twin Ovum laid open; Fœtus seen adherent by its Funis; it shews Amnion and Chorion very admirably . . *ibid*

Portion of Membrane passed Dysmenorrhœa

The Rectum terminating in a Cul de Sac; the puncture with the Trocar distinctly seen, and also an aperture some distance higher up occasioned by Ulceration: this led the Fæces to escape into the Abdominal Cavity and produced death *ibid*

Uterus of a Woman who died from irritative Fever in consequence of a portion of retained Placenta, the remains of it visible—*ibid*

Lacerated Uterus at the Cervix . . . *ibid*

Ovarium enlarged, and Cyst; the Vesicular structure very well displayed . . . . . *Mr. Wickenden*

C

Abortion; on opening it Dicidua Reflexa was found full of blood—*Mr. Ingleby*

Large Polypus Uteri, removed by operation *Mr. Hodgson*

Uterus after delivery, shewing pieces of Placenta adherent at the Fundus. The Patient died after Hemorrhage and much pain . . . . . *Mr. Saunders*

Diseased Ovum . . . . . *Mr. Ingleby*

Twin Fœtus, at about six weeks, shewing the commencement of the Intestinal Canal . . . *Mr. Knowles*

I

Organs of Respiration and Circulation.

An interesting specimen of the Lungs of the Turtle; the ramifications of the Brochial Tubes and their termination in the Air Cells are beautifully marked. The Mucous Membrane has been minutely injected with fine injection—*Mr. W. S. Cox*

Preparations illustrating the structure of the Larynx . *ibid*

Preparation of the Os Hyoides, all the Cartilages of the Larynx being attached by their respective Ligaments . *ibid*

Preparation of a small Leucodendron, or Coagulated Lymph, coughed up from the Lungs . . . *ibid*

Preparation of Morbid Larynx. It is cut open to shew extensive Ulceration of the Mucous Membrane. Case,—Chronic Bronchitis . . . . . *Mr. Jukes*

Preparation of Cynanche Trachealis, or Croup. The Glottis was closed by an adventitious membrane, from recently secreted coagulable Lymph; and death produced—*Mr. W. S. Cox*

Interesting example of diseased Bronchial Glands. A communica-

tion existed between the Trachea and Œsophagus some weeks before . . . . *Mr. Baynham*

A Preparation of the Larynx, shewing the formation of an adventitious Membrane. In this case also a Large Abscess existed between the Larynx and Pharynx; Ulceration into the former took place, and death ensued . *Mr. W. S. Cox*

Heart shewing Valvula Mitralis and Columnæ Carneæ

Aorta, shewing the three Semilunar Valves, Corpuscula Sesamoidea

Pulmonary Artery inverted, shewing its Valves

Medulla Spinalis, shewing the Nerves passing off, the formation of Ganglia by the Posterior Filaments and their re-union afterwards with the Anterior, thus constituting a Nervous Trunk, endowed with Sensation and Voluntary Motion

Medulla Spinalis, shewing its coverings and Ligamentum Denticulatum . . . . *Mr. W. S. Cox*

Preparation to shew the Lumbar Nerves as they pass out from the Spinal Marrow, also the Sacral Nerves . . *ibid*

Nerves of the lower extremity of a Fœtus; the Course of the Great Sciatic Nerve, and its branches are carefully traced *ibid*

A Large Cyst containing Pus from the middle Lobe of the Right Hemisphere of a Man 45 years of age; he had been indisposed about six weeks, and for the last month laboured under Paralysis of the Left Side . . . *ibid*

Preparation of the Nerves of a Stump, shewing the bulbous expansion of their extremities

Preparation of the Nerves of the Fore Arm after Amputation, exhibiting the same appearance

Strumous Tumor beneath the Tentorium . *Mr. Baynham*

I.

Organs of Reproduction.

Beautiful Specimen of Testis minutely injected with mercury, also, the Spermatic Vessels . . *Mr. W. S. Cox*

Testis the Vas Deferens and Epididymis minutely injected with mercury, the Spermatic Vein injected with red wax *ibid*

Testes in the Loins of a Fœtus of seven months, it also shows the Gubernaculum Testis . . . .

Testes of a Sparrow during the Winter, representing small specks
Mr. W. S. Cox

Testes of a Sparrow during the Spring, increased to the size of peas

Preparation in which the whole of the Epididymis and Vas Deferens have been carefully injected with Mercury, as also the Vasa Efferentia, Rete and Tubuli Testis . . *ibid*

A part of the Bladder in the Fœtus to shew the Vasa Deferentia into which Bristles are introduced as well as into the Ureters, with the Vesiculæ Seminales filled with mercury . *ibid*

Testes to shew the Tunica Vaginalis, Testis, and Tunica Vaginalis reflexa . . . . . *ibid*

Testis to shew the course and situation of the Epididymis *ibid*

Bladder, Prostate Gland, Vesiculæ Seminales, Membraneous portion of the Urethra, and Cowper's Glands . . *ibid*

Corpus Spongiosum Urethræ, and Glans Penis injected, shewing the Plexus of Veins of which those bodies are composed, the Bulb of the Urethra is also well injected, the middle of the Corpus Spongiosum having been open for the purpose of introducing an injecting-pipe. The Prostate Gland and its Ducts, the Vesiculæ Seminales, and Vasa Deferentia are injected with mercury, as well as some Vessels in the interior of the Bladder . . . . . *ibid*

Fungus Hæmatodes of the Testis

A Chimney-sweepers' Cancer Scroti, beginning in the integuments and in its progress affecting the Testis

A Testis with Calcareous Matter deposited in the Epididymis

Interesting Specimen of diseased and very much enlarged Prostate Gland, the middle Lobe being dissected and particularly obvious. The membranous portion of the Urethra and Bulb may be very distinctly seen as well as the Caput Gallinaginis
Mr. W. S. Cox

Syphilitic Warts removed from the Labia Pudendi of a Female
ibid

Enormous enlargement of the third Lobe of the Prostate Gland three Calculi were found in the Bladder. Male Subject Aged 71 . . . . *Mr. Baynham*

ection of the Penis to shew the Septum of the Corpora Cavernosa
Mr. W. S. Cox

Section of the Penis to shew the interior structure—*Mr. W. S. Cox*
Section of the Penis preserved in Oil of Turpentine, to shew the structure of the Corpora Cavernosa . . *ibid*
Four Preparations of the Corpora Spongiosa, Corpora Cavernosa, Urethræ and Bulb distended with Wax . *ibid*
Vesiculæ Seminales of the Elephant . . . *ibid*
An Adult Uterus . . . . . *ibid*
A Virgin Uterus . . . . . *ibid*
Uterus studded with small Fibro Cartilaginous Tumours and presenting two large Osseus Tumors, externally *ibid*
Double Uterus removed from the Female in whom a single Kidney with two Ureters was discovered . *Mr. Baynham*
A singular case of enlarged Ovary, containing hair and two teeth—*Mr. W. S. Cox*

Fallopian Tube Ruptured by Ovum. Fatal in twelve hours from Hæmorrhage into the Cavity of the Abdomen—*Mr. Baynham*
A large Lymphatic Vessel injected, with its Gland in Spirits—*Mr. W. S. Cox*
One of the Cornua Uteri, whose Arteries, Veins, and Lymphatics are injected with mercury . . . *ibid*
Adult Uterus not developed. Aged 40. Never menstruated. No developement of the Mammæ . . . *ibid*

K & N

VASCULAR SYSTEM.

The Arterial and Venous System of the Lower Extremity, injected *ibid*
The Arterial and Venous System of the Upper Extremity, minutely injected . . . . . *ibid*
The course and distribution of the Arteries of the Upper Extremity . . . . . *ibid*
Three Preparations, shewing the varieties in the course and distribution of the Brachial Artery . . . *ibid*

Arteries of the Lower Extremities, injected *Mr. W. S. Cox*

Little Subject, exhibiting the distribution of the Arterial System—*ibid*

Little Subject, exhibiting the distribution of the Arterial and Venous System . . . . . *ibid*

Ditto . ditto . about ten years, for the Arteries—*ibid*

Section of the Cranium, shewing the Vascularity of the Dura Mater . . . . . *ibid*

Section of the Head, shewing the distribution of the Arteries—*ibid*

Section of the Head, shewing the lateral process of the Dura Mater, and the Arterial Circle formed at the base of the Brain, (Circle of Willis) . . . . . *ibid*

Male Pelvis, shewing the course of the Iliac Arteries and Veins—*ibid*

Section of the Male Pelvis, to shew the distribution of the Branches of the Internal Iliac . . . . . *ibid*

Section of the Male Pelvis, exhibiting the distribution of the Internal Pudic Artery; also the course of the Vena Magna Ipsius Penis. The Plexuses of Veins distributed over the Prostate Gland are well seen, and the extent of the Peritoneum on the Bladder and Rectum . . *ibid*

Preparation, exhibiting the Blood Vessels of the Heart, Vena Azygos, and also the course and termination of the Thoracic Duct . . . . . *ibid*

Preparations of the Vessels arising from the Arch of the Aort—*ibid*

Vascularity of the Intestines . . . . . *ibid*

Several Hearts, injected with wax . . . . . *ibid*

Disease in the Vertebræ. The singularity of the case rests upon the fact of so much disease existing in the Spinal Column without perceptible inconvenience . *Mr. Baynham*

Numerous points of Ulceration in the Stomach of a Woman who died from Strangulated Hernia . . . *ibid*

Several Preparations of various Tumours

A Cyst of a large Abdominal Hydatic, most probably of the Liver *Mr. Jukes*

Secreting Membrane from a Mammary Abscess . *ibid*

Preparations of Morbid Structures . . *Mr. Jukes*

Diseased Spine; total destruction of the body of more than one Vertebra . . . . . *ibid*

Diseased Spine; Absorption of the bodies of two Vertebræ— *Mr. Lyons*

The Human Heart injected, shewing the course of the Subclavian Veins, the Ascending and Descending Cava, Pulmonary Artery, Aorta, Pulmonary Veins, Vena Azygos, and Thoracic Duct . . . . *Mr. E. T. Cox*

The Human Heart injected, and also the Blood Vessels of the Lungs. The relative position of the Pulmonary Arteries and Veins is well shewn . . *Mr. W. S. Cox*

Preparation of the Head and Neck, shewing the Course of the fifth, seventh, and eighth pair of Nerves. The Supra Orbitar, Infra Orbitar, and Mental Filaments are beautifully seen; also the Temporo-facial and Cervico-facial Filaments. In the Neck are shewn the Glosso-pharyngeal, Pharyngeal, and Superior Laryngeal Nerves, the Great Sympathetic and Phrenic Nerves . . . . *ibid*

Section of the Head and Neck, shewing the Branches of the External Carotid and Subclavian Arteries *Mr. Edwardes*

Section of the Head and Neck, shewing the Veins and Arteries distributed to the Face and Neck; the formation of the External and Internal Jugular Veins *Mr. W. S. Cox*

Preparation of the Human Heart and Lungs, injected with Wax— *ibid*

Preparation of the Circulation in the Turtle . . *ibid*

The Heart and Vessels of the Cat, filled with Wax . *ibid*

Preparation, shewing the Fœtal Circulation . . *ibid*

A portion of the small Intestines, shewing the mode of division of the Branches of the Superior Mesenteric Artery *ibid*

Preparation, consisting of Incarceration of the inferior portion of the Intestinum Ileum, produced in consequence of a Volvulus *ibid*

On the Left-Hand Table.

Illustration of bad Surgery in the case of Fractured Os Femoris— *Mr. W. S. Cox*

Beautiful Preparation of Ossa Femorum, shewing Interstitial Deposition . . . . *Mr. W. S. Cox*

Almost, perhaps, unique case of transposition of the Adult Human Heart into the right side of the Thorax, produced by an enormous Vomica, occupying the whole of the left Lung. Upwards of two gallons of pus were found in the Abscess *ibid*

Preparation in wax of the Muscles of the Tongue and Larynx—situation of the Thyroid Gland . . *School*

Fœtal Heart, injected, shewing distinctly the Umbilical Vein and Arteries, the Ductus Venosus et Arteriosus—*Mr. W. S. Cox*

Muscles of the Perineum in wax, to shew the Erector Penis, Accelerator Urinæ, Transversalis Perinei, Transversalis Perinei Alter, Sphincter et Levator Ani . *School*

The Ramifications of the Vena Portæ of the Liver, beautifully shewn . . . . *Mr. W. S. Cox*

Preparation in Wax, illustrating the parts of Femoral Hernia.—Poupart's Ligament, Gimbernat's Ligament, and the Femoral Sheath, with its contents are well shewn . *School*

Uterus after Parturition, with the ovary containing a Corpus Luteum

A magnificent Preparation in Wax, of the side-views of the Male Pelvis. The relative position of the Bulb, membranous position of the Urethra, Prostate Gland, Vesiculæ Seminalis, are correctly marked out; also the reflexions of the Peritoneum. The course of the Rectum and muscles of the Perinæum are beautifully shewn

On the Right-Hand Table.

Cerebellum, Valve of Vieussens, Corpora Quadrigemina, Pineal Gland, Optic Thalami, Corpora Striata—*Mr. W. S. Cox*

Section of the Cerebellum, shewing fourth Ventricle, and communications with the third, Calamus Scriptorius *ibid*

Profile section of the Cerebrum and Cerebellum . . *ibid*

Section of the Brain, shewing the Corpora Striata, Choroid Plexus, Tænia Semicircularis, Optic Thalami, Corpora Quadrigemina, Pineal Gland, Velum Interpositum, Hippocampus

Major, Tænia Hippocampi, Corpus Dentatum, Pes Hippocampi . . . . . *Mr. W. S. Cox*

Horizontal Section of the Brain, to shew the Corpus Callosum, Raphe, Lineæ Transversæ, Centrum Ovale. The Corpus Callosum lifts up, and shews the contents of the lateral Ventricles. The Fornix removes, and shews the Commissures, the Foramen Commune anterius et posterius; the contents of the anterior, middle and posterior Cornua are also shewn. . . . . *ibid*

Base of the Brain, with the origin of the Nerves. First pair, destined to excite perception of Smell; 2nd pair, destined to excite impression of light; 3rd pair, Motory Nerves of the Eye; 4th pair, Respiratory Nerves of the Eye; 5th pair, universal Nerves of Sensation of the Head, Face, Cavities of the Nose, Mouth, and Tongue; 6th pair, Motory Nerves of the Eye; 7th pair, Respiratory Nerves of the Face; 8th pair, destined to excite impressions of Sound; 9th pair, Respiratory Nerves to the Tongue and Pharynx; 10th pair, Respiratory Nerves to the Heart, Lungs, and Stomach; 11th pair, Respiratory Nerves to the Neck and Shoulders; 12th pair, Motory Nerves to the Tongue . . *ibid*

Beautiful Preparation, exhibiting the distribution of the Great Sympathetic Nerves, or Nerves of Organic Life. The honour of pointing out the function of this important System is due to Dr. James Johnstone, though assumed by the French Physiologist, Bichat. By means of this System, the functions of Respiration, Circulation, Digestion, &c. are carried on, independent of the will. It shews, also, the course and branches of the par Vagum and Phrenic Nerves, the Splanchnic Branches and Ganglia Semilunaria *ibid*

Beautiful Preparation of the Messentery and Intestine of the Turtle, richly covered with Lacteals, injected with Mercury

ORGANS OF HEARING.

The left Ear of a Child, six years old, of three times the natural size, the external ear, the Membrana Tympani, with the Bones and Muscles belonging to it, the Eustachian Tube,

course of the Portio Dura of the seventh pair of Nerves, Chorda Tympani, Fallopian Duct . *Mr. W. S. Cox*

Cochlea and Semicircular Canals laid open, the former turned upwards, the latter downwards . . *ibid*

The same from the opposite side, with the Arteria Auditoria Interna . . . . . *ibid*

The Facial and Auditory Nerve, with its branches in the vestibule, with the involving semicircular canals . *ibid*

The Cochlea, Vestibule, and semicircular Canals laid open *ibid*

The same preparation with the inner Membranes and Bags, and the distribution of the Auditory Nerve in the Cochlea *ibid*

A beautiful specimen of an Adult Temporal Bone, shewing particularly the Cavitas Tympani and semicircular Canals; Bristles are introduced into the passages of the Chorda Tympani, and Accoustic Nerves . . . . *ibid*

Preparation, to shew the Semicircular Canals and Cochlea— *Mr Kimberley*

A case containing the Anatomy of the Bony Structure of the Ear *ibid*

Preparation, illustrating the Semicircular Canals, the Mastoid Cells and Eustachian Tube . . . . *ibid*

Three Preparations, illustrating the Anatomy of the Vestibule, Semicircular Canals, Cochlea and Tympanum . *ibid*

ORGANS OF SIGHT

The Choroid Coat, with the Cilliary Nerves and the Iris— *Mr. W. S. Cox*

Retina with Zonula Zinii and the Lens . . *ibid*

A Profile Section of the Eye through the Centre of the Lens and the Optic Nerve, shewing the Coats of the Eye, the Chambers of the Eye, Arteria, Centralis, Retinæ, &c. . *ibid*

The Anterior half of a perpendicular Section to shew the situation of the Lens, Iris, Cilliary Striæ and Processes . *ibid*

Posterior half of the same exhibits the Foramen Centrale of Sœmmerring . . . . . *ibid*

The fourth part of the Anterior half of the Pupil highly magnified to show the position of the Membranes . . *ibid*

CABINET OF MINERALS.

Mr. Woolrich.

Quartz Crystals
Milk Quartz, with Copper Pyrites
Varieties of Quartz
Nodules of Flint
Capt. Quartz, *Devonshire*
Varieties of Quartz
Chalcedony
Mammellated Chalcedony
Egyptian Pebbles
Rock Crystal
Three fine specimens of Quartz Crystals
Actinolite in Mica
Schorl in Quartz, *Cornwall*
Mica
Asbestos
Opal on Quartz
Agate
Steatite, *Cornwall*
Micaceous Schistus
Stalactite of Carbonate of Lime
Crystals of Carbonate of Lime and Sulphuret of Copper
Crystals of Carbonate of Lime
Stalagmites of Carbonate of Lime
Gibraltar Rock, with Bones imbedded
Crystals of Carbonate of Lime and Fluor Spar
Crystals of Carbonate of Lime, Copper Pyrites, and Blende
Crystals of Carbonate of Lime, Iron Pyrites, and Sulphuret of Lead
Varieties of Fluor Spar
Lime Stone, with Crystal of Carbonate of Lime, & Shells
Crystals of Fluor Spar, Blende, and Carbonate of Lime
Fluor Spar and Blende
Varieties of Marble
Iceland Spar
Satin Spar, Carbonate of Lime
Varieties of Gypsum
Selenite
Sulphate of Baryta
Carbonate of Baryta
Carbonate of Lime, with Sulphuret of Lead
Galena
Galena with Sulphate of Baryta, and Fluor Spar
Galena with Blende, Sulphate of Baryta, and Iron Pyrites
Phosphate of Lead
Sulphate of Lead
Sulphate of Lead in Fluor Spar
Silver Lead Ore
Blende, Fluor Spar, and Sulphate of Baryta

Native Copper
Sulphuret of Copper
Arseniate of Copper
Phosphate of Copper
Peacock Copper Ore
Sulphuret of Copper
Crystals of Sulphuret of Copper on Carbonate of Lime
Mammellated Copper Ore
Sulphuret of Copper with Green Carbonate
Native Copper
Grey Copper Ore
Sulphuret of Copper & Quartz
Sulphuret of Copper and Crystals of Carbonate of Lime
Flour Spar and Blende
Calamine
Crystals of Blende and Fluor Spar
Calamine from *Devonshire*
Black Oxide of Manganese, from *Warwickshire*
Mammellated Black Oxide of Manganese
Crystals of Sulphuret of Copper, and Carbonate of Lime
Mundick and Carbonate of Lime
Mundick, Carbonate of Lime and Galena
Iron Pyrites
Crystals of Iron Pyrites, and Carbonate of Lime
Hæmatite, or Oxide of Iron, *Lancashire*
Magnetic Iron Ore
Hæmatite, with the impression of a Reed
Iron Ore, *Staffordshire*
Plumbago
Argillaceous Iron Ore, with Hatchetine, *near Wolverhampton*
Spathose Iron Ore
Iron Ore from Elba
Chromate of Iron
Vegetable Impressions on Ironstone
Petrified Wood
Jasperized Wood
Coralloid, *Bristol*
Dudley Lime-stone with Fossil Shells, Corals, &c.
Dudley Locust
Cornu Ammonis
Fossil Shells
Native Sulphur
Cannel Coal
Jet
Staffordshire Coal
Bovey Coal
Lava, *Vesuvius*
Pitch-stone
Pudding-stone
Basalt, *Rowley*
Granite, *Scotland*
Serpentine, *Cornwall*
Micaceous Schist
Quartz Rock
Prehnite

CASTS.

Head of the late R. B. Sheridan, Esq.	*Mr Knowles*
——— Edward Grainger	*ibid*
——— Michael Ford	*ibid*
——— an Indiot	*ibid*
Cranium of Bellingham	*ibid*
——— Baskerville	*ibid*
——— Raphael	*ibid*
——— a Hindoo	*ibid*
Mask of Lord Bacon	*ibid*
——— George Bidder	*ibid*
——— Haydn	*ibid*
The Foot	*ibid*
The Hand	*ibid*
Muscular Subject, &c.	*ibid*

Two extraordinary Fœtal Monsters	*Mr. Paget, Walsall*
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Numerous Preparations of Diseases of the Osseous System in the Horse	*Late E. Palfrey, Esq.*
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CATALOGUE

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BOOKS PRESENTED.

E. JOHNSTONE, M. D.

Brande's Journal of the Royal Institution

R. PEARSON, M. D.

Smith's English Flora, 4 vols.
Smith's Grammar of Botany, 1 vol.

J. ECCLES, M. D.

Sharp's Treatise on the Operations of Surgery, 2 vols.
——— Critical Enquiry into the present state of Surgery
Nisbet's Clinical Guide, 3 vols.
Cheselden's Anatomy
Cheyne on the Natural Method of Curing the Diseases of the Body
Berdoe's Enquiry
Saunder's Lecture
Pearson's Thesaurus Medicaminum
Cullen's Practice of Physic
Aitken's Practice of Physic
Wilson's Pharmacopœia
Bell, on Wounds

MR. W. S. COX.

Abernethy's Essays
——— Physiological Lectures
——— Surgical Observations
Burn's Surgical Anatomy of the Head and Neck

Bell's Treatise on Gonorrhœa, 2 vols.
Majendie's Physiology
School of Medicine, 4 vols.
Monro's Anatomy, 3 vols.
Richerand's Physiology
Anatomical Description of the Arteries

Mr. Ingleby.

Barclay, on Muscular Motion
Hoffman's Practice of Medicine
Fordyce on the Digestion of Foods
Carter's Account of the various Systems of Medicine
Simpson de re Medica
Dickenson on Fever
Sanders on Small Pox
Heberden on the History and Cure of Diseases
Johnson on Gravel
Young on Cancer
Fordyce on Fever
Barclay's Nomenclature
Hamilton's Select Cases of Midwifery
Herdman on Animal Life
Maclean's Science of Life
Kentish on Burns
Dickenson on Burns
Foster on Atmospheric Influence
Thomas's Practice of Physic
Charlton's Enquiry into Human Nature

Dr. Birt Davies.

Anatomico-chirurgical Views of the Nose, Mouth, Larynx, and Fauces, by W. Lawrence
Dr. Percival's Medical Ethics
Chaussier's Medicine Legale

Mr. Knowles.

Kerkland on Child-bed Fever
Armstrong on Child-bed Fever
Blizard's Suggestions for the Improvements of Hospitals
Cooper's First Lines of Surgery
Walker on Nervous Diseases
Duncan's Clinical Reports
Burn's Midwifery
Heberden's History of Diseases
Medical Sketches
Traité Pratique des Maladies Graves

Mr. J. Woolrich.

Watkin's Electro-magnetism
Accum's Chemical Tests
Singer's Elements of Electricity
Ure's Dictionary of Chemistry
Cullen's Physical and Chemical Essays
Accum's Chemical Amusements

Mr. Edwardes, *(Wolverhampton.)*

Good's Book of Nature, 3 vols.

Mr. Moore, *(Moreton-in-Marsh.)*

Sir A. Cooper's Lectures on Surgery, 3 vols.

Mr. George Elkington]

Hunter's Treatise on the Blood, Inflammation, and Gun-shot Wounds.

Mr. Cecil.

Wallis on Gout.
Solomon de Cerebri Tumoribus
De Cynanche Tracheali

Mr. Dones.

Hunter on Venereal Disease
Pugh on Muscular Action
Walters' Plates of the Thoracic and Abdominal Nerves
Brisson's Principles of Chemistry

Mr. Northall.

Gregory's Economy of Nature
Nicholson's Chemical Dictionary
———— Natural Philosophy
Mackenzie on Health

Mr. Betts.

Duncan's Materia Medica

Mr. Bindley.

Buchan's Symptomatology
Parkes's Chemical Catechism
Higginbottom on Lunar Caustic

Mr. Palmer.

Rhind on Worms
Stratford's Manual of the Anatomy and Diseases of the Eye
Macknish on Drunkenness

Mr. Hutchinson.

Hutchinson's Surgical Observations
Edwardes's Manual of Surgery

Mr. Clarke.

Brande's Manual of Pharmacy

Mr. Richards.

Ure's Dictionary of Chemistry

Mr. Lloyd.

Bell's System of Surgery, 7 vols.

Mr. Horton.

Young's Introduction to Medical Literature

Mr. Moggridge.

Cruikshank's Anatomy of Absorbing Vessels
Earle's Observations on the Cure of Curved Spine
Underwood on Diseases of Children.

REGULATIONS RESPECTING THE READING-ROOM.

The Reading-room of the School of Medicine is open to every Member of the Profession, Mondays, Wednesdays, and Fridays, from three o'clock p. m. to six o'clock.

Students of the School are admitted to the Reading-room Tuesdays, Thursdays, and Saturdays, from three o'clock p. m. to six o'clock.

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Mr. Boulton	Mr. Baker
Mr. Horton	Mr. Amphlett
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CATALOGUE OF BOOKS.

Alcock, Thomas, Practical Observations

Adams, Observations on Morbid Poisons, 2nd edition, coloured plates—*London*, 1807

——— on Venereal Disease, 4to., Plates—*London*, 1786

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——— Nosologie Naturelle, ou les Maladies de Corps Humain, 1 vol. folio, coloured Plates—*Paris*, 1817

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Barclay, John, on Muscular Motions—*Edinburgh*, 1808

——————— M. D., New Anatomical Nomenclature—*Edinburgh*, 1808

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——————— Treatise on Gonorrhæa Virulenta and Lues Venerea, 2nd Edition, 2 vols. corrected—*Edinburgh*

—— John, on the Nature and Cure of Wounds—*Edinburgh*, 1793

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——————— on Hospitals—*London*, 1796

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Burns, John, Principles of Surgery, vol. 1,—*London*, 1831

Burns, John, M. D. on Midwifery—*London*, 1809

Brissen, J. T, on Chemistry—*London*, 1801

Bigelow, Jacob, M. D., American Medical Botany, with coloured Engravings, 3 vols.—*Boston,* 1817

Barrow, Wm., M. D., Researches on Pulmonary Phthisis—*Liverpool,* 1815

Boerhaave, Herman, A Treatise on the Powers of Medicine, translated by John Martin—*London,* 1740

———— Hermanno, Institutiones Medicæ—*Lugduni Batavorum,* 1727

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Buchan, Alex., M. D., Symptomatology—*London,* 1824

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Barton, William, M. D., Vegetable Materia Medica of the United States, coloured Plates—*Philadelphia,* 1817

Boneti, Theophili, Sepulchretum sive Anatomica Practica, ei Cadaveris Morbo Denatus Proponens, 2 vols. folio—*Geneva,* 1700

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Bursevius, Jo. Bapt., Institutionum Medicinæ Practicæ, 8 vols.—*Mediolani,* 1785

Berard, F., Doctrine des Rapports des Physique et des Moral, 8vo.—*Paris,* 1823

Boyer, Traité des Maladies chirurgicales et des Opérations, qui leur conviennent, 6 vols., 2nd edition—*Paris,* 1818

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Calcutta, Transactions of the Medical and Physical Society of, 2 vols. 1825

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——— Samuel, First Lines of the Practice of Surgery, with Plates, 3rd edition—*London,* 1830

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——— Edward, M. D., Clinical Essays—*London,* 1784

Campbell, Wm., M. D., on Epidemic Puerperal Fever—*Edinburgh,* 1822

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Clarke, John, on Climate—*London,* 1809

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Clutterbuck, Henry, M. D., on Fever, 2nd edition—*London,* 1825

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Cheyne, Geo., M. D., on the Diseases of the Body and Disorders of the Mind—*London,* 1742

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Cruveilhier, J. Anatomie Pathologique du Corps Humain, grand folio, figures coloriées—1832

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Campet, Pierre, Traité pratique des Maladies graves—*Paris,* 1802

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Dictionnaire de Medicine, par M. M. Adelon, Bichard, Biett, Breschet, Chomel, H. Cloquet, I. Cloquet, &c., 21 vols.—*Paris,* 1824

E

Edinburgh Philosophical Journal

Earle, James, Esq., F. R. S., Observations on the Cure of the Curved Spine—*London,* 1742

Eccles, J., Disputatio Medica de Dyspepsia

F

Farr, William, a Treatise on Cancer—*London,* 1824

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Frank, Josepho, Praxeos medicæ universæ præcepta, 2 vols.—*Leipsic,* 1815

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Galeni Opera, 6 vols.—*Basileæ,* 1549

H

Haden, C. T., Practical Observations on the Management of and Diseases of Children, with Additions, by Thomas Alcock—*London,* 1827

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